

Registration certificate

Environmental Protection Act 1994

Registration certificate

No: ENRE00998009

This registration certificate is issued by the administering authority and takes effect from: 30-MAR-2011.

The anniversary day for the purposes of the Annual Return remains: 16 December.

This registration certificate is a requirement of section 73F of the *Environmental Protection Act 1994* and authorises the registered operator to undertake the activities listed below at the following place; subject to the conditions set out in a development approval attached to the premises, or the relevant code of environmental compliance.

Registered Operator:-

Golden Cockerel Pty Ltd
Mount Cotton Road
MOUNT COTTON QLD 4165

Place:-

Lot 2 Plan 4514, Lot 3 Plan RP209666

Located at:-

Mount Cotton Road, MOUNT COTTON QLD 4165

Registered Activities: -

ERA 25 Meat processing Threshold 1(c) - processing, not including rendering, in a year, more than 50000t of meat or meat products

ERA 63 Sewage treatment Threshold 2(b) - operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 to 1500EP (i) if treated effluent is discharged to an infiltration trench or through an irrigation scheme

C. Birt.

Cathy Birt
Delegate
Department of Environment and Resource Management
Environmental Protection Act 1994

30-MAR-2011

COPY

Environmental Protection Act 1994

Licence No. SR1809

SPR0053193

Section 45(1)

Under the provisions of the *Environmental Protection Act 1994* this environmental authority is issued:

To: Golden Cockerel Pty Ltd

Address: Mount Cotton Road
MOUNT COTTON QLD 4165

in respect of carrying out the environmentally relevant activity at the following place:

[Lot 2 on Plan Special Lease 4514; and
Lot 3 on RP 209666, County of Stanley; Parish of Capalaba

located at: Mount Cotton Road
MOUNT COTTON QLD 4165

ERA 32(b)(iii) - Meat processing - slaughtering animals for commercially producing meat or meat products for human consumption, or processing (other than smoking mentioned in item 35) or packaging of meat or meat products for human consumption in works (other than a retail butcher shop) having a design production capacity of 6 000 t or more per year.

ERA 15(b) - Sewage treatment - operating a standard sewage treatment works having a peak design capacity to treat sewage of 100 or more equivalent persons but less than 1500 equivalent persons.

This environmental authority is issued subject to the conditions set out in the schedules attached to this environmental authority.

This licence takes effect from 16 December 2000.

signed 

R T Anderson
Manager - Licensing
Delegate of Administering Authority
Environmental Protection Act (1994)

date 11/10/00

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

This environmental authority consists of the following schedules -

Schedule A - General Conditions

Schedule B - Air

Schedule C - Water

Schedule D - Stormwater Management

Schedule E - Land Application

Schedule F - Noise

Schedule G - Waste Management

Schedule H - Monitoring and Reporting

Schedule I - Definitions



Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

SCHEDULE A - GENERAL CONDITIONS

(A1) The holder of this environmental authority must:

- (i) install all plant and equipment necessary to ensure compliance with the conditions; and
- (ii) maintain such plant and equipment in a proper and efficient condition; and
- (iii) operate such plant and equipment in a proper and efficient manner.

In this condition, "plant and equipment" includes:

- (i) plant and equipment used to prevent and/or minimise the likelihood of environmental harm being caused;
- (ii) devices and structures to contain foreseeable escapes of contaminants and waste;
- (iii) vehicles used to transport waste;
- (iv) devices and structures used to store, handle, treat and dispose of waste;
- (v) monitoring equipment and associated alarms; and
- (vi) backup systems that act in the event of failure of a primary system.

Display of Environmental Authority

(A2) A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.

Records

- (A3) Any record required to be kept by a condition of this environmental authority must be kept at the licensed place and be available for examination by an authorised person.
- (A4) Copies of any record or document required to be kept by a condition of this environmental authority must be provided to any authorised person or the administering authority on request.

Alterations

- (A5) No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm.

An example of a substantial increase in the risk of environmental harm is an increase of 10% or more in the quantity of the contaminant to be released into the environment.

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

Calibration

- (A6) All instruments and measurement devices used for the measurement or monitoring of any parameter under any condition of this environmental authority must be calibrated, and appropriately operated and maintained.

Nuisance

- (A7) Notwithstanding any other condition of this environmental authority, this environmental authority does not authorise any release of contaminants which causes or is likely to cause an environmental nuisance beyond the boundaries of the licensed place.

Integrated Environmental Management System (IEMS)

- (A8) The holder of this environmental authority, must develop and implement an Integrated Environmental Management System (IEMS) which provides for the effective and appropriate management by the holder of this environmental authority of the actual and potential environmental impacts resulting from the carrying out of the environmentally relevant activity/activities.
- (A9) The Integrated Environmental Management System must provide for at least the following functions:
- (i) The monitoring of releases of contaminants into the environment, for example measurement of the quantities and concentrations of releases of contaminants to the environment as required under this environmental authority;
 - (ii) The assessment of the environmental impacts of any releases of contaminants into the environment, for example any ambient environmental quality monitoring, noise monitoring or complaints monitoring required under this environmental authority; and
 - (iii) The training of all relevant staff, agents and contractors ("staff") to competent levels in at least the following:
 - (a) The environmental policy of the holder of this environmental authority so that staff are aware of any relevant commitments to environmental management; and
 - (b) Any relevant environmental objectives and targets so that all staff are aware of the relevant performance objectives and can work towards these; and



Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

- (c) Control procedures for routine operations for day to day operational activities to prevent or minimise environmental harm, however occasioned or caused; and
- (d) Contingency plans and emergency procedures for non-routine situations to deal with foreseeable risks and hazards including corrective responses to prevent and mitigate environmental harm (including any necessary site rehabilitation); and
- (e) Organisational structure and responsibility to ensure that roles, responsibilities and authorities are appropriately defined to manage environmental issues effectively; and
- (f) Effective communication to ensure two-way communication on environmental matters between operational staff and higher management; and
- (g) Documentation systems so that appropriate records of environmental matters are kept to satisfy the holder of this environmental authority, the administering authority and the community that the applicant is meeting environmental commitments; and(h)Responsibilities of the holder of this environmental authority and staff under the Act so that these can be met; and

(iv) The conduct of environmental and energy audits to review periodically:

- (a) the level of environmental performance; and
- (b) the effectiveness of environmental management procedures adopted; and
- (c) efficiency in using energy and resources and opportunities for more efficient usage; and

(v) The implementation of effective and appropriate strategies for waste prevention, treatment and disposal.

(A10) The conduct of environmental and energy audits required by condition A9(iv) must be carried out as often as necessary but not less frequently than the frequency specified below:

- (i) the level of environmental performance: annually
- (ii) the effectiveness of environmental management procedures adopted: once every two years

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

- (iii) efficiency in using energy and resources and opportunities for more efficient usage within two years of the granting of this environmental authority and then not less than once every five years
- (A11) The holder of this environmental authority must prepare a report summarising the outcomes of the environmental and energy audits required by condition A9(iv) and submit the report with the annual return which follows the conduct of the audits.
- (A12) The holder of this environmental authority must not implement an Integrated Environmental Management System or amend the Integrated Environmental Management System where such implementation or amendment would result in a contravention of any condition of this environmental authority.
- (A13) A copy of the Integrated Environmental Management System must be provided to the administering authority within 30 days of its completion.
- (A14) A copy of the Integrated Environmental Management System must be kept at the licensed place.
- (A15) The holder of this environmental authority must submit details of any amendment to the Integrated Environmental Management System to the administering authority with the Annual Return which immediately follows the enactment of any such amendment.

End of Conditions for Schedule A**SCHEDULE B - AIR****Non-specified Releases of Contaminants to the Atmosphere**

- (B1) Except as otherwise provided by the conditions of the air schedule of this environmental authority, the environmentally relevant activity must be carried out by such practicable means necessary to prevent the release or likelihood of release of contaminants to the atmosphere.
- (B2) Where it is not practicable to prevent a release of contaminants to the atmosphere as required by condition B1, the environmentally relevant activity must be carried out by such practicable means necessary to minimise the release or likelihood of any such release of contaminants to atmosphere.



Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

Specified Releases of Contaminants to the Atmosphere

- (B3) Contaminants resulting from the operation of the sources described in Table 1 must only be released to the atmosphere from those release points specified in Table 1 of the air schedule.
- (B4) Contaminants released from each release point specified in Table 1 of the air schedule must be directed vertically upwards without any impedance or hindrance.
- (B5) Contaminants must be released to the atmosphere from a release point at a height not less than the corresponding height stated for that release point in Table 1 of the air schedule.
- (B6) Contaminants must be released to the atmosphere from a release point at a velocity not less than the corresponding velocity stated for that release point in Table 1 of the air schedule.
- (B7) Contaminants must not be released to the atmosphere from a release point at a mass emission rate, as measured at a monitoring point specified in Schedule H, in excess of that stated in Table 2 of the air schedule.
- (B8) Contaminants must not be released to the atmosphere from a release point at a concentration, as measured at a monitoring point specified in Schedule H, in excess of that stated in Table 2 of the air schedule.

Noxious or Offensive Odour

- (B9) Notwithstanding any other condition of this environmental authority no release of contaminants from the licensed place is to cause a noxious or offensive odour beyond the boundaries of the licensed place.

SCHEDULE B - Table 1

RELEASE POINT NUMBER AND STACK DESCRIPTION	SOURCE DESCRIPTION	MINIMUM RELEASE HEIGHT (metres above ground level)	MINIMUM EFFLUX VELOCITY (metres/second)
RP 1 (Boiler Stack)	150hp Cleaver Brook Gas-fired Boiler	13	8
RP 2 (Boiler Stack)	200hp Hardie Bloomer Gas-fired Boiler	15	5

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

SCHEDULE B - Table 2

Contaminant	Type of Limit Release limit units	Release point number / Release Limit		
		1	2	
Nitric Oxide and Nitrogen Dioxide expressed as (NO ₂)	Concentration (g/Nm ³)	0.35	0.35	
	Mass emission rate (g/min)	150	150	

Labelling of Discharge Points

(B10) All release points referred to in Table 1 of the air schedule must be conspicuously marked with the following details:

- (i) the corresponding release point number referred to in Table 1 of the air schedule.

(B11) The label required for each release point must be readily visible from both ground level and at any required sampling point.

Fuel Burning

(B12) The fuels which may be burned in industrial fuel burning equipment are liquid petroleum gas or natural gas.

End of Conditions for Schedule B

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

SCHEDULE C - WATER**Release of Contaminants to Waters**

- (C1) Contaminants must not be directly or indirectly released from the licensed place to
- (i) any waters or the bed and banks of any waters except as permitted under the water schedule or the stormwater management schedule; or
 - (ii) a sewer except as permitted or otherwise agreed from time to time by the relevant Local Government.

End of Conditions for Schedule C**SCHEDULE D - STORMWATER MANAGEMENT****Contaminant Releases Caused by Rainfall**

- (D1) The environmentally relevant activities must be carried out by such practicable means necessary to prevent the contact of incident rainfall and stormwater runoff with wastes or other contaminants.
- (D2) Where it is not practicable to prevent contact as required by condition D1, the environmentally relevant activities must be carried out by such practicable means necessary to minimise any such contact.

Release of contaminated stormwater runoff

- (D3) Except as otherwise provided by the conditions of the stormwater management schedule and the water schedule of this environmental authority, the environmentally relevant activities must be carried out by such practicable means necessary to prevent the release or likelihood of release of contaminated runoff from the licensed place to any stormwater drain or waters or the bed or banks of any such waters.
- (D4) Where it is not practicable to prevent any release of contaminated runoff as required by condition D3, the environmentally relevant activities must be carried out by such practicable means necessary to minimise any such release or the likelihood of any such release.

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

Stormwater Management Plan

- (D5) The holder of this environmental authority must prepare and submit to the administering authority a Stormwater Management Plan for the licensed place which is acceptable to the administering authority.
- (D6) The Stormwater Management Plan must provide detail on the works to be implemented and the timetable proposed to address at least the following issues:
- prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants, and
 - diversion of upstream runoff away from areas containing wastes or contaminants, and
 - minimisation of the size of contaminated areas, and
 - cleaning of contaminated areas without water, and
 - installation of oil separators, silt and rubbish traps, and stormwater diversion systems, and
 - paving and roofing of contaminated areas.
- (D7) A copy of the Stormwater Management Plan must be kept at the licensed place where practical.
- (D8) The holder of this environmental authority must not implement a Stormwater Management Plan or amend a Stormwater Management Plan where such implementation or amendment would result in a contravention of any condition of this environmental authority.
- (D9) The holder of this environmental authority must submit details of any subsequent amendment to the Stormwater Management Plan to the administering authority with the Annual Return which immediately follows the enactment of any such amendment.

General

- (D10) The maintenance and cleaning of vehicles and any other equipment or plant must be carried out in areas from where contaminants cannot be released into any waters, roadside gutter or stormwater drainage system.

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

Pond conditions

- (D11) All ponds used for the storage or treatment of contaminants or wastes must be installed and maintained so as to prevent any discharge of contaminants through the bed or banks of the pond to any waters (including groundwaters).
- (D12) All ponds used for the storage or treatment of contaminants or wastes must be installed and maintained so that a freeboard of not less than 0.25 metres is maintained at all times.
- (D13) All ponds used for the storage or treatment of contaminants or wastes must be installed and maintained to ensure the stability of the ponds' construction.

Bunding

- (D14) All above ground fuel tank storages must be banded so that the capacity of the bund is sufficient to contain at least 100 % of the tank's capacity.
- (D15) Refuelling and fuel handling operations must be conducted in a proper and efficient manner to prevent any release of fuel to any stormwater drain or waters.
- (D16) All bunding must be constructed of materials which are impervious to the materials stored.
- (D17) The base and walls of all banded areas must be maintained free from gaps or cracks.
- (D18) All loading/unloading of bulk materials must take place only within designated vehicle loading/unloading areas.

End of Conditions for Schedule D

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

SCHEDULE E - LAND APPLICATION**Release of Contaminants to Land**

(E1) Except as otherwise provided by the conditions of the land application schedule of this environmental authority, the environmentally relevant activities must be carried out by such practicable means necessary to prevent the release or likelihood of release of contaminants to land.

(E2) Where it is not practicable to prevent any release of contaminants to land as required by condition E1, the environmentally relevant activities must be carried out by such practicable means necessary to minimise the release or likelihood of release of any such contaminants to land.

(E3) The only contaminants that are to be irrigated to land are treated waste water effluents.

Contaminant Release Location

(E4) Until such time as the Irrigation Management Strategy, that is required to be developed under condition E5, identifies the area suitable for irrigation on the licensed place, the interim contaminant release area is that area of land identified on Drawing No. 2.053-3 of September 1983, submitted with the application for environmental authority.

Irrigation Management Strategy

(E5) The holder of this environmental authority must develop and implement an Irrigation Management Strategy (IMS) to ensure the sustainable release of contaminants to the lands referred to in condition E4.

(E6) The IMS must include but not be limited to:

- (1) The identification of areas suitable for irrigation;
- (2) An assessment of the soils including types, structure, nutrient status, salinity and sodicity, cation exchange capacity and sodium absorption ratio (SAR) of the contaminant release area;
- (3) An Irrigation Management Program (IMP), based on the sustainable long term use of the contaminant release area, addressing at least the following matters:
 - a) A water balance table;



Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

- b) Effluent allocation to the contaminant release area;
- c) Predicted effect on soil conditions;
- d) Proposed irrigation rate and return period;
- e) Nutrient balance, including loads of Nitrogen and Phosphorous;
- f) Salt balance; and
- g) Proposed crop development and removal strategies.

- (4) Modelling to determine the daily rate of irrigation during an 'average' year and a ninetieth (90th) percentile 'wet' year.

- (5) A monitoring program which includes:

- a) Soil and sub-soil analysis, including assessment of those parameters identified in E6 (2), to be carried out at no less than six representative sites on an annual basis;
- b) Plant analysis to assess nutrient export to be carried out on a bi-annual basis;
- c) Determination of the quantity and quality of effluent;
- d) Re-assessment, including modelling of the water balance and irrigation rate and return period should be undertaken, if necessary, to ensure sustainable use of the contaminant release area is being achieved.

- (6) Reporting of monitoring results and any assessment of the impact of the releases on the Contaminant Release Area to the administering authority.

- (E7) A copy of the IMS must be provided to the administering authority within 30 days of its completion.

- (E8) All determinations of the condition of the contaminant release area must be performed by a person or body possessing appropriate experience and qualifications to perform the required determinations.

- (E9) Records must be kept of the results of all monitoring carried out under the IMS for a period of at least 5 years.

Quality of Contaminants Released to Land

- (E10) The contaminant/s released must comply, at the sampling and in-situ measurement point/s specified in Schedule H, with each of the release limits specified in Schedule E Table 1 for each quality characteristic.

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

(E11) Notwithstanding the quality characteristic limits specified in Table 1 of the land schedule the contaminants released must also comply with the following qualitative characteristics:

- (i) The release must not have any properties nor contain any organisms or contaminants in concentrations which are capable of causing environmental harm.

SCHEDULE E TABLE 1 - RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	RELEASE LIMIT	LIMIT TYPE
5-day Biochemical Oxygen Demand. (mg/L)	100	maximum
Suspended Solids. (mg/L)	100	maximum
Total Nitrogen (mg/L)	100	maximum
Total Phosphorus as P (mg/L)	25	maximum
Conductivity (µS/cm)	2000	maximum
Dissolved Oxygen (mg/L)	2.0	minimum
pH	6.5 - 8.5	range

- (E12) All contaminants must be stored or released on the defined contaminant release area. There must be no direct or indirect release of contaminants to any watercourse or stormwater drain.

General

- (E13) The release of contaminants to land must not be carried out within 20 metres of any watercourse.

- (E14) The release of contaminants to land must not be carried out within 10 metres of any boundary of the licensed place.

- (E15) The release of contaminants to land must not be carried out if soil moisture conditions are such that surface runoff or ponding is likely to occur.

- (E16) The contaminant release area must be maintained in a proper and efficient condition so as to provide adequate assimilation, percolation, evaporation and transpiration of the released contaminants.



Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

- (E17) Spray from any release of contaminants to land must not drift beyond the boundaries of the licensed place.

End of Conditions for Schedule E**SCHEDULE F - NOISE****Emission of Noise**

- (F1) In the event of a complaint about noise that constitutes intrusive noise being made to the administering authority, that the administering authority considers is not frivolous or vexatious, then the emission of noise from the licensed place must not result in levels greater than those specified in Table 1 of the Noise Schedule.

SCHEDULE F - TABLE 1

NOISE LIMITS AT A NOISE SENSITIVE PLACE	
Period	Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level $L_{Amax\ adj, T}$
7 am - 6 pm	Background noise level plus 5 dB(A)
6 pm - 10 pm	Background noise level plus 5 dB(A)
10 pm - 7 am	Background noise level plus 3 dB(A)
NOISE LIMITS AT A COMMERCIAL PLACE	
Period	Noise Level at a Commercial Place measured as the Adjusted Maximum Sound Pressure Level $L_{Amax\ adj, T}$
7 am - 6 pm	Background noise level plus 10 dB(A)
6 pm - 10 pm	Background noise level plus 10 dB(A)
10 pm - 7 am	Background noise level plus 8 dB(A)

End of Conditions of Schedule F

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

SCHEDULE G - WASTE MANAGEMENT**General**

- (G1) Waste must not be released to the environment, stored, transferred or disposed of contrary to any condition of this environmental authority.
- (G2) The holder of this environmental authority must not:
- (i) burn waste at or on the licensed place; nor
 - (ii) allow waste to burn or be burned at or on the licensed place; nor
 - (iii) remove waste from the licensed place and burn such waste elsewhere.

Waste Management Plan (WMP)

- (G3) The holder of this environmental authority, must develop and implement a Waste Management Plan which details how the holder of this environmental authority will effectively and appropriately manage waste caused by the carrying out of the environmentally relevant activities.
- (G4) The Waste Management Plan must address at least the following:
- the quantity and nature of each waste produced, and
 - the current method of disposal, and
 - proposed methods of pre-treatment or disposal, and
 - expected reduction in quantity of waste produced through waste minimisation and cleaner production, and
 - provisions for carrying out and submitting to the administering authority a waste audit within 2 years from the date of issue of this environmental authority and thereafter every 5 years.
- (G5) A copy of the Waste Management Plan must be kept at the licensed place.
- (G6) The holder of this environmental authority must not implement a Waste Management Plan or amend a Waste Management Plan where such implementation or amendment would result in a contravention of any condition of this environmental authority.



Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

- (G7) The holder of this environmental authority must submit details of any subsequent amendment to the Waste Management Plan to the administering authority with the Annual Return which immediately follows the enactment of any such amendment.

End of Conditions for Schedule G**SCHEDULE H - MONITORING AND REPORTING****Complaint Recording**

- (H1) All complaints received by the holder of this environmental authority relating to releases of contaminants from operations at the licensed place must be recorded and kept in a log book with the following details:
- (i) time, date and nature of complaint;
 - (ii) type of communication (telephone, letter, personal etc.);
 - (iii) name, contact address and contact telephone number of complainant (Note: if the complainant does not wish to be identified then "Not identified" is to be recorded);
 - (iv) response and investigation undertaken as a result of the complaint;
 - (v) name of person responsible for investigating complaint; and
 - (vi) action taken as a result of the complaint investigation and signature of responsible person.

Incident Recording

- (H2) A record must be maintained of events including but not limited to:
- (i) the time, date and duration of equipment malfunctions that may affect the environmental performance of the licensed place;
 - (ii) any shut-down or failure of equipment upon which the environmental performance of the licensed place depends, including, but not limited to the waste water treatment system, the boiler and the rendering cooker.
 - (iii) the hours of operation of the plant;
- (H3) The record required by condition number H2 must be maintained for a period of not less than 5 years.

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

Notification of Emergencies and Incidents

(H4) As soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this environmental authority, the holder of this environmental authority must notify the administering authority of the release by telephone or facsimile.

(H5) The notification of emergencies or incidents as required by condition number H4 must include but not be limited to the following:

- (i) the holder of the environmental authority;
- (ii) the location of the emergency or incident;
- (iii) the number of the environmental authority;
- (iv) the name and telephone number of the designated contact person;
- (v) the time of the release;
- (vi) the time the holder of the environmental authority became aware of the release;
- (vii) the suspected cause of the release;
- (viii) the environmental harm and or environmental nuisance caused, threatened, or suspected to be caused by the release; and
- (ix) actions taken to prevent further any release and mitigate any environmental harm and or environmental nuisance caused by the release.

(H6) Not more than 14 days following the initial notification of an emergency or incident, the holder of the environmental authority must provide written advice of the information supplied in accordance with condition number H5 in addition to:

- (i) proposed actions to prevent a recurrence of the emergency or incident;
- (ii) outcomes of actions taken at the time to prevent or minimise environmental harm and or environmental nuisance.

(H7) As soon as practicable, but not more than six (6) weeks following the conduct of any environmental monitoring performed in relation to the emergency or incident, the holder of this environmental authority must provide written advice of the results of any such monitoring performed.

Monitoring of Contaminant Releases to the Atmosphere

(H8) The holder of this environmental authority must conduct a monitoring program of contaminant releases to the atmosphere at the release points, frequency, and for the parameters specified in Schedule H Table 1 and which complies with the following:

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

- (a) All determinations must be made must be performed by a person or body possessing appropriate experience and qualifications to perform the required determinations.
- (b) Monitoring provisions for the release points listed in Schedule H Table 1 must comply with the Australian Standard AS 4323.1 - 1995 "Stationary source emissions Method 1: Selection of sampling provisions".
- (c) The following tests must be performed for each required determination specified in Table 1:
- (i) gas velocity and volume flow rate
 - (ii) temperature
 - (iii) water vapour concentration
- (d) where practicable samples taken must be representative of the contaminants discharged when emissions are expected to be at a maximum level.
- (e) during the sampling period, the following additional information must be gathered,
- (i) Rate of production on site (processing lines in operation);
 - (ii) Boiler firing status and qualitative assessment of steam demand;

**Schedule H Table 1
Required Release Point Determinations**

RELEASE POINT NUMBERS	DETERMINATION REQUIRED	FREQUENCY
RP1 OR RP2	Nitric Oxide and Nitrogen Dioxide (NO _x).	To be completed as a requirement of each five (5) yearly waste audit commencing 2003-2004.



Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

Noise Monitoring

- (H9) In the event of a complaint about intrusive noise being made to the administering authority that the administering authority considers is not frivolous or vexatious, the holder of this environmental authority must undertake monitoring to investigate such a complaint upon written request from the administering authority.
- (H10) For the purposes of investigating any complaint of intrusive noise and checking compliance with condition F1 of the noise schedule, monitoring and recording the noise levels from the environmentally relevant activity/activities must be undertaken for at least the following descriptors, characteristics and conditions:
- (i) $L_{Amax, Adj T}$
 - (ii) $L_{Aeq, T}$ (or $L_{A90, T}$);
 - (iii) $L_{AN, T}$ (where N equals statistical levels of 10, 50, 90);
 - (iv) $Max L_{pA T}$;
 - (v) $L_{Aeq, T}$;
 - (vi) The level and frequency of occurrence of impulsive or tonal noise;
 - (vii) Atmospheric conditions including temperature, relative humidity and wind speed and direction; and
 - (viii) Effects due to extraneous factors such as traffic noise.
- (H11) In conjunction with the measurement and recording of the intrusive noise, the following parameters and conditions must be recorded:
- (a) Location of sample;
 - (b) Date of sample; and
 - (c) Time of sample.
- (H12) The method of measurement and reporting of intrusive noise levels must comply with the Department of Environment and Heritage Noise Measurement Manual, second edition, March 1995, or more recent editions or supplements to that document as become available.
- (H13) The measurement and reporting of intrusive noise levels must be undertaken by a person or body possessing appropriate experience and qualifications to perform the required measurements.

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

- (H14) Records must be kept of the results of all monitoring of intrusive noise levels and other information required to be recorded in conjunction with such monitoring for a period of at least 5 years.

Monitoring of Quality of Contaminants Released to Contaminant Release Area

- (H15) The holder of this environmental authority is responsible for the making of determinations of the quality characteristics of contaminants to check conformity with the limits specified in Table 1 Schedule E prior to their release onto the Contaminant Release Area. The determinations must include the following quality characteristics:

- a) 5-day Biochemical Oxygen Demand (mg/L)
- b) Suspended Solids (mg/L)
- c) pH (Units)
- d) Dissolved Oxygen (mg/L)
- e) Conductivity ($\mu\text{S}/\text{cm}$)
- f) Total Nitrogen (mg/L)
- g) Total Phosphorous as P (mg/L)

- (H16) The determinations of the quality of contaminants released to check conformity with condition E10 must be undertaken at the monitoring and in situ measurement point(s) described as:

Sampling point W1: A sampling tap situated on the delivery line between the pump servicing the delivery line and the head of the irrigator.

- (H17) The determinations of the quality of contaminants released must be performed as often as necessary to check that the conditions of this environmental authority are being complied with, but not less frequently than monthly and such determinations must be performed by a person or body possessing appropriate experience and qualifications to perform the required determinations.
- (H18) All determinations of the quality of contaminants released must be made in accordance with methods prescribed in the Department of Environment and Heritage Water Quality Sampling Manual, 2nd Edition, February 1995, or more recent editions or supplements to that document as such become available.

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

Monitoring of Volume of Contaminant Releases to Land

- (H19) The daily quantity of contaminants released to the contaminant release area must be determined or estimated by an appropriate method, for example a flow meter. ?
- (H20) The holder of this environmental authority must keep records of the volume, date, time of commencement and duration of each occasion on which any release of contaminants is made to the contaminant release area takes place and the dates on which no such release takes place.

Record Keeping

- (H21) Any complaint, record, report, assessment or results of determinations required to be made under Schedule H must be kept and maintained at the licensed place for at least five (5) years.

Report Submission

- (H22) The holder of this environmental authority must ensure that the results of all monitoring performed in accordance with this environmental authority are submitted with the initial Annual Return. Each subsequent Annual Return must include details of the results of monitoring performed during the 12 months preceding that Annual Return.

Exception Reporting

- (H23) The holder of this environmental authority must notify the administering authority in writing of any monitoring result which indicates an exceedance of any licence limit within 28 days of completion of analysis.
- (H24) The written notification required by condition number H23 above must include:
- (i) The full analysis results, and
 - (ii) Details of investigation or corrective actions taken, and
 - (iii) Any subsequent analysis.

End of Conditions for Schedule H

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

SCHEDULE I - DEFINITIONS

For the purposes of this environmental authority the following definitions apply:

- (I1) "Act" means the Environmental Protection Act 1994.
- (I2) "administering authority" means the Environmental Protection Agency or its successor.
- (I3) "land" in the land application schedule means land excluding waters and the atmosphere.
- (I4) "Total Nitrogen" means the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen
- (I5) "mg/l" means milligrams per litre.
- (I6) "g/min" means grams per minute.
- (I7) "N/S" means Not Specified
- (I8) "µs/cm" means microseimens per centimetre.
- (I9) "maximum" means that the measured value of the quality characteristic or contaminant must not be greater than the release limit stated.
- (I10) "minimum" means that the measured value of the quality characteristic or contaminant must not be less than the release limit stated.
- (I11) "range" means that the measured value of the quality characteristic or contaminant must not be greater than the higher release limit stated nor lower than the lower release limit stated.
- (I12) "Normal cubic metre" (Nm³) means the volume of dry gaseous contaminant which occupies 1 cubic metre at a temperature of zero degrees Celsius and at an absolute pressure of 101.3 kilopascals.
- (I13) "g/ Nm³" means grams per normal cubic metre.
- (I14) "L_{Amax adj, T}" means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than 15 minutes, using Fast response.



Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

(I15) "background noise level" means either:

$L_{A90,T}$ being the A-weighted sound pressure level exceeded for 90 percent of the time period not less than 15 minutes, using Fast response, or

$L_{A90,T}$ being the arithmetic average of the minimum A-weighted sound pressure level readings measured in the absence of the noise under investigation during a representative time period of not less than 15 minutes, using Fast response.

(I16) "noise sensitive place" means any of the following places:

- (a) a dwelling;
- (b) a library, childcare centre, kindergarten, school, college, university or other educational institution;
- (c) a hospital, surgery or other medical institution;
- (d) a protected area, or an area identified under a conservation plan as a critical habitat or an area of major interest, under the *Nature Conservation Act 1992* ;
- (e) a marine park under the *Marine Parks Act 1982* ;
- (f) a park or garden that is open to the public (whether or not on payment of money) for use other than for sport or organised entertainment.

(I17) "dwelling" any of the following structures or vehicles that is principally used as a residence:

- (a) a house, unit, motel, nursing home or other building or part of a building;
- (b) a caravan, mobile home or other vehicle or structure on land;
- (c) a watercraft in a marina.

(I18) "commercial place" means a place used as an office or for business or commercial purposes.

(I19) "intrusive noise" means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration -

- (a) is clearly audible to, or can be felt by, an individual; and
- (b) annoys the individual.

Environmentally Relevant Activities:

32(a)(iii) - Meat processing

15(b) - Sewage treatment

32(b)(ii) - Meat processing

In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be had to Australian Standard 1055.2 - 1989. Acoustics - Description and Measurement of Environmental Noise, Part 2 - Application to Specific Situations, or supplements to that document as such become available.

(I20) "protected area" means -

- a) a protected area under the *Nature Conservation Act 1992*; or
- b) a marine park under the *Marine Parks Act 1982*; or
- c) a World Heritage Area.

(I21) "offensive" means causing unreasonable offence; is unreasonably disagreeable to the sense; is disgusting, nauseous or repulsive.

(I22) "noxious" means harmful or injurious to health or physical well-being.

(I23) "waters" includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater runoff and any underground water, or any part thereof.

End of Conditions for Schedule I

